

## Vacuum cleaner with 2-stage separation

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**Classification:**

**- international:** *A47L5/28; A47L9/12; A47L9/16; A47L9/20; B01D45/12; B01D50/00; A47L5/22; A47L9/10; A47L9/20; B01D45/12; B01D50/00; (IPC1-7): A47L9/16; A47L5/28; A47L9/12; B01D50/00*

**- european:** *A47L5/28; A47L9/12; A47L9/16; A47L9/20; B01D45/12; B01D50/00B*

**Also published as:**

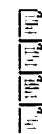


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GB2367484 (A)

EP1195125 (A3)

**Cited documents:**



US6026540

WO0132066

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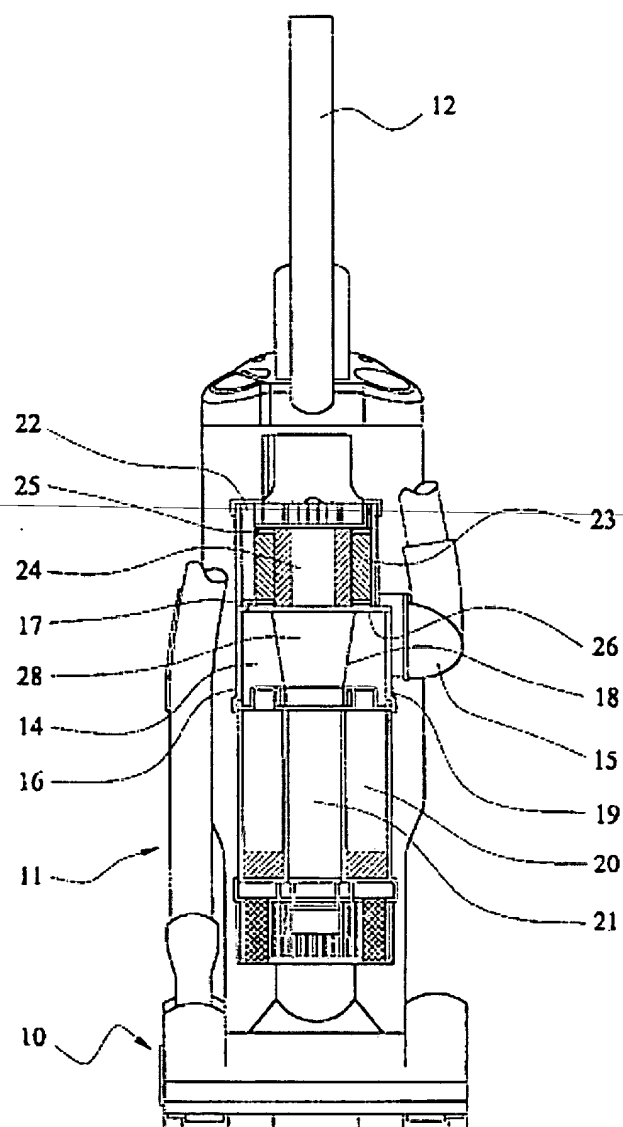
**Application number:** EP20010308409 20011002

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### Abstract of **EP1195125**

A bagless vacuum cleaner comprises a cyclonic separator 14 arranged to deposit separated dirt and dust in a removable collection receptacle 13 and a filter 23 arranged over the removable collection receptacle 13. The upstream surface of the filter 23 is formed of a resiliently compressible material arranged to compress when there is an airflow between the inlet and outlet of the cleaner and to release any dust collected thereon when it recovers its shape upon cessation of the airflow. <??>The cyclonic separator 14 serves to remove a large proportion of the dirt and dust whilst any dirt and dust carried over to the next stage is separated by the filter 23. Upon cessation of the airflow, any dirt and dust collected on the filter falls into the collection receptacle 13, thereby avoiding the need to regularly clean the filter.



**FIG. 3**

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